

1 We claim:

1 1. A topical composition for reducing skin damage induced by ultraviolet radiation
2 comprising a jojoba extract, wherein said jojoba extract absorbs ultraviolet radiation at a plurality
3 of wavelengths between about 290 nanometers and about 400 nanometers.

1 2. The topical composition of claim 1, further comprising at least one other skin
2 protectant that reduces the skin damage caused by ultraviolet light.

1 3. The topical composition of claim 2, further comprising aminobenzoic acid.

1 4. The topical composition of claim 2, further comprising octyl methoxycinnamate.

1 5. The topical composition of claim 2, further comprising titanium dioxide.

1 6. The composition of claim 1, in an aqueous or non-aqueous solution, suspension, a
2 water-in-oil or oil-in-water emulsion.

1 7. The composition of claim 1, in a skin toner composition, a moisturizing lotion, a
2 sun screen composition, a skin cleanser, a hair conditioner, or other skin treatment composition.

1 8. The topical composition of claim 1, further comprising an antioxidant comprising
2 a ferulic acid moiety in a sufficient amount to reduce reactive oxygen species in the skin when
3 applied topically.

1 9. The topical composition of claim 1, wherein said jojoba extract is formed by
2 extracting jojoba plant parts with ethanol.

1 10. The topical composition of claim 9, wherein said jojoba plant parts comprise
2 jojoba meal.

1 11. The topical composition of claim 10, wherein said jojoba extract is formed by
2 extracting jojoba meal with a mixture of ethanol and water.

1 12. The topical composition of claim 11, wherein said jojoba extract is formed by
2 extracting milled jojoba meal with ethanol.

1 13. A method to prepare a topical composition for reducing skin damage induced by
2 ultraviolet radiation, comprising the steps of:

3 providing jojoba plant parts;

4 removing up to about 90 weight percent of the jojoba oil disposed in said jojoba plant
5 parts;

6 milling said jojoba plant parts;

7 forming a jojoba extract by extracting said milled jojoba plant parts with one or more
8 polar solvents, wherein said jojoba extract absorbs ultraviolet radiation at a plurality of
9 wavelengths between about 290 nanometers and about 400 nanometers; and

10 adding at least one other skin protectant that reduces the skin damage caused by
11 ultraviolet light.

1 14. The method of claim 13, wherein said one or more polar solvents comprise
2 ethanol.

1 15. The method of claim 13, wherein said one or more polar solvents comprise water.

1 16. The method of claim 15, wherein said jojoba extract comprises a ferulic acid
2 moiety.